

**Notice of Allowability**

Application No.

10/776,260

Applicant(s)

KIM, IN-KOO

Examiner

Art Unit

Paul Huber

2653

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_.
2. ☒ The allowed claim(s) is/are 1-19.
3. ☒ The drawings filed on 12 February 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

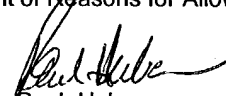
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 02122004
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_.

  
Paul Huber  
Primary Examiner  
Art Unit: 2653

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### REASONS FOR ALLOWANCE

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Takahashi discloses a disc playback apparatus including means for controlling a velocity of a disc motor.

The following is an examiner's statement of reasons for allowance: the prior art of record considered as a whole fails to teach or suggest either:

1) a method of processing data, comprising: detecting, buffering, and decoding data at a target location on an optical recording medium; **checking a CLV speed of a drive for the optical recording medium, adjusting a CAV speed of the drive for the optical recording medium, and retrying data detection, data buffering, and data decoding if one of the data detection, data buffering, and data decoding fail;** and transmitting the decoded data to a host computer if the data detection, data buffering, and data decoding are performed successfully; or

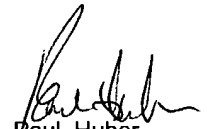
2) a data processing system, comprising: a host having an input and a CPU; and a drive for reading from and/or writing to a recording medium, including a controller, a driver and an interface interfacing with the host through the input, wherein **the controller checks a CLV of the drive for the recording medium, controls an adjustment of a CAV speed of the drive for the recording medium, and controls another attempt to detect data, buffer data, and/or decode data form the recording medium when a previous attempt failed;** or

3) a medium, comprising computer readable code controlling an operation of a drive, to: detect, buffer, and/or decode data at a target location on a recording medium; **check a CLV speed of the drive for the recording medium, adjust a CAV speed of the drive for the recording medium, and retry data detection, data buffering, and/or data decoding if one of the data detection, data buffering, and data decoding fail;** and transmit the decoded data to a host computer if the data detection, data buffering, and data decoding are performed successfully. (bold language emphasized)

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication should be directed to Paul Huber at telephone number 703-308-1549.



Paul Huber  
Primary Examiner  
Art Unit 2653

pwh  
August 25, 2004

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